

Thomas Jefferson Data Summary Cruise 6/19/2010

Review Date 6/20/10

Summary:

This sampling report presents data collected from the Thomas Jefferson for the period of 6/19/2010. CTD graphs for stations sampled during operational period 6/19/2010 were included with the data provided for this review. No map was available at the time of this review.

Stations occupied during this reporting period include TJ43 and TJ47.

All stations were sampled for: TPH, VOAs, and oil dispersion (CTD fluoremetry and dissolved oxygen). No samples were collected for bioassay using the Rototox test. Samples were collected from approximately 18 meters to approximately 70 meters below water surface.

Fluorometry and dissolved oxygen CTD plots for the reporting period 6/19/2010 were received along with fluorometry and dissolved oxygen CTD plots for this review.

LISST and CTD Fluorometer (data collected from 6/19):

Water samples were collected at five (5) stations (TJ43 – TJ47) and no significant fluorescence was recorded at these stations. No LISST data was provided for this reporting period.

Dissolved Oxygen (data collected from 6/19):

Dissolved oxygen values recorded by the CTD indicated no decreased DO readings at these stations. Station TJ44 showed a decrease in DO at a depth of approximately 38m that was not associated with a fluorescence signal.

Toxicity Testing (Rototox Assay) (data collected from 6/19)

No samples were collected for Rototox Assay.

Chemical Analyses (TPH and VOCs) (data collected from 6/19)

Twenty-seven (27) samples were collected for VOC analysis and twenty-seven (27) samples were collected for TPH analysis. There were two samples collected for each bottle. No data were provided for review at this time due to laboratory lag time.